

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/581,211
Source: 1Fwp
Date Processed by STIC: 6/9/06

ENTERED



IFWP

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/581,211

DATE: 06/09/2006

TIME: 10:36:45

Input Set : A:\75813.app

Output Set: N:\CRF4\06092006\J581211.raw

```

3 <110> APPLICANT: Hashimoto, Shin-ichi et al.
5 <120> TITLE OF INVENTION: METHODS FOR OBTAINING GENE TAGS
7 <130> FILE REFERENCE: 75813-01
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/581,211
C--> 9 <141> CURRENT FILING DATE: 2006-05-30
9 <150> PRIOR APPLICATION NUMBER: PCT/JP2004/008174
10 <151> PRIOR FILING DATE: 2004-06-04
12 <150> PRIOR APPLICATION NUMBER: JP 2003-402306
13 <151> PRIOR FILING DATE: 2003-12-01
15 <150> PRIOR APPLICATION NUMBER: JP 2004-6630
16 <151> PRIOR FILING DATE: 2004-01-14
18 <160> NUMBER OF SEQ ID NOS: 69
20 <170> SOFTWARE: PatentIn version 3.1
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 48
24 <212> TYPE: RNA
25 <213> ORGANISM: Artificial
27 <220> FEATURE:
28 <223> OTHER INFORMATION: an artificially synthesized RNA linker sequence
30 <400> SEQUENCE: 1
31 uuuggauuug cuggucgagu acaacuaggc uaaauacucg aguccgac 48
34 <210> SEQ ID NO: 2
35 <211> LENGTH: 46
36 <212> TYPE: RNA
37 <213> ORGANISM: Artificial
39 <220> FEATURE:
40 <223> OTHER INFORMATION: an artificially synthesized RNA linker sequence
42 <400> SEQUENCE: 2
43 uuucugcucg aaaucaagcu ucuaacgaug uacgcucgag uccgac 46
46 <210> SEQ ID NO: 3
47 <211> LENGTH: 42
48 <212> TYPE: DNA
49 <213> ORGANISM: Artificial
51 <220> FEATURE:
52 <223> OTHER INFORMATION: an artificially synthesized primer sequence
54 <400> SEQUENCE: 3
55 gcggtgaag acggcctatg tggccttttt tttttttttt tt 42
58 <210> SEQ ID NO: 4
59 <211> LENGTH: 32
60 <212> TYPE: DNA
61 <213> ORGANISM: Artificial
63 <220> FEATURE:
64 <223> OTHER INFORMATION: an artificially synthesized primer sequence

```

RAW SEQUENCE LISTING

DATE: 06/09/2006

PATENT APPLICATION: US/10/581,211

TIME: 10:36:45

Input Set : A:\75813.app

Output Set: N:\CRF4\06092006\J581211.raw

```

66 <220> FEATURE:
67 <221> NAME/KEY: misc_feature
68 <222> LOCATION: (26)..(31)
69 <223> OTHER INFORMATION: "n"=a, t, g or c
71 <400> SEQUENCE: 4
W--> 72 gcggctgaag acggcctatg tggccnnnnn nc 32
75 <210> SEQ ID NO: 5
76 <211> LENGTH: 33
77 <212> TYPE: DNA
78 <213> ORGANISM: Artificial
80 <220> FEATURE:
81 <223> OTHER INFORMATION: an artificially synthesized primer sequence
83 <220> FEATURE:
84 <221> NAME/KEY: misc_feature
85 <222> LOCATION: (1)..(1)
86 <223> OTHER INFORMATION: Label biotin
88 <400> SEQUENCE: 5
89 ggatttgctg gtgcagtaca actaggctta ata 33
92 <210> SEQ ID NO: 6
93 <211> LENGTH: 31
94 <212> TYPE: DNA
95 <213> ORGANISM: Artificial
97 <220> FEATURE:
98 <223> OTHER INFORMATION: an artificially synthesized primer sequence
100 <220> FEATURE:
101 <221> NAME/KEY: misc_feature
102 <222> LOCATION: (1)..(1)
103 <223> OTHER INFORMATION: Label biotin
105 <400> SEQUENCE: 6
106 ctgctcgaat tcaagcttct aacgatgtac g 31
109 <210> SEQ ID NO: 7
110 <211> LENGTH: 21
111 <212> TYPE: DNA
112 <213> ORGANISM: Artificial
114 <220> FEATURE:
115 <223> OTHER INFORMATION: an artificially synthesized primer sequence
117 <400> SEQUENCE: 7
118 gcggctgaag acggcctatg t 21
121 <210> SEQ ID NO: 8
122 <211> LENGTH: 27
123 <212> TYPE: DNA
124 <213> ORGANISM: Artificial
126 <220> FEATURE:
127 <223> OTHER INFORMATION: an artificially synthesized primer sequence
129 <400> SEQUENCE: 8
130 ggatttgctg gtgcagtaca actaggc 27
133 <210> SEQ ID NO: 9
134 <211> LENGTH: 27
135 <212> TYPE: DNA

```

RAW SEQUENCE LISTING

DATE: 06/09/2006

PATENT APPLICATION: US/10/581,211

TIME: 10:36:45

Input Set : A:\75813.app

Output Set: N:\CRF4\06092006\J581211.raw

```

136 <213> ORGANISM: Artificial
138 <220> FEATURE:
139 <223> OTHER INFORMATION: an artificially synthesized primer sequence
141 <400> SEQUENCE: 9
142 ctgctcgaat tcaagcttct aacgatg 27
145 <210> SEQ ID NO: 10
146 <211> LENGTH: 18
147 <212> TYPE: DNA
148 <213> ORGANISM: Homo sapiens
150 <400> SEQUENCE: 10
151 acatctgacc tcatggag 18
154 <210> SEQ ID NO: 11
155 <211> LENGTH: 18
156 <212> TYPE: DNA
157 <213> ORGANISM: Homo sapiens
159 <400> SEQUENCE: 11
160 ctctttcctt gcctaacg 18
163 <210> SEQ ID NO: 12
164 <211> LENGTH: 18
165 <212> TYPE: DNA
166 <213> ORGANISM: Homo sapiens
168 <400> SEQUENCE: 12
169 tacctgggtg atcctgcc 18
172 <210> SEQ ID NO: 13
173 <211> LENGTH: 18
174 <212> TYPE: DNA
175 <213> ORGANISM: Homo sapiens
177 <400> SEQUENCE: 13
178 cttttcctgt ggcagcag 18
181 <210> SEQ ID NO: 14
182 <211> LENGTH: 18
183 <212> TYPE: DNA
184 <213> ORGANISM: Homo sapiens
186 <400> SEQUENCE: 14
187 ctcttcgcgc gtcgtcgc 18
190 <210> SEQ ID NO: 15
191 <211> LENGTH: 18
192 <212> TYPE: DNA
193 <213> ORGANISM: Homo sapiens
195 <400> SEQUENCE: 15
196 ctcatgaac tcgcctgc 18
199 <210> SEQ ID NO: 16
200 <211> LENGTH: 18
201 <212> TYPE: DNA
202 <213> ORGANISM: Homo sapiens
204 <400> SEQUENCE: 16
205 ctggttgatc ctgccagt 18
208 <210> SEQ ID NO: 17
209 <211> LENGTH: 18

```

RAW SEQUENCE LISTING

DATE: 06/09/2006

PATENT APPLICATION: US/10/581,211

TIME: 10:36:45

Input Set : A:\75813.app

Output Set : N:\CRF4\06092006\J581211.raw

```

210 <212> TYPE: DNA
211 <213> ORGANISM: Homo sapiens
213 <400> SEQUENCE: 17
214 ctcagtcgcc gctgccag 18
217 <210> SEQ ID NO: 18
218 <211> LENGTH: 18
219 <212> TYPE: DNA
220 <213> ORGANISM: Homo sapiens
222 <400> SEQUENCE: 18
223 ctttcactgc aaggcggc 18
226 <210> SEQ ID NO: 19
227 <211> LENGTH: 18
228 <212> TYPE: DNA
229 <213> ORGANISM: Homo sapiens
231 <400> SEQUENCE: 19
232 acgctgtgac agccacac 18
235 <210> SEQ ID NO: 20
236 <211> LENGTH: 18
237 <212> TYPE: DNA
238 <213> ORGANISM: Homo sapiens
240 <400> SEQUENCE: 20
241 gtgacagcca cacgcccc 18
244 <210> SEQ ID NO: 21
245 <211> LENGTH: 18
246 <212> TYPE: DNA
247 <213> ORGANISM: Homo sapiens
249 <400> SEQUENCE: 21
250 aacggctagc ctgaggag 18
253 <210> SEQ ID NO: 22
254 <211> LENGTH: 18
255 <212> TYPE: DNA
256 <213> ORGANISM: Homo sapiens
258 <400> SEQUENCE: 22
259 agtagcagca gcgccggg 18
262 <210> SEQ ID NO: 23
263 <211> LENGTH: 18
264 <212> TYPE: DNA
265 <213> ORGANISM: Homo sapiens
267 <400> SEQUENCE: 23
268 attcctagtt aaggcggc 18
271 <210> SEQ ID NO: 24
272 <211> LENGTH: 18
273 <212> TYPE: DNA
274 <213> ORGANISM: Homo sapiens
276 <400> SEQUENCE: 24
277 aattgtgttc gcagccgc 18
280 <210> SEQ ID NO: 25
281 <211> LENGTH: 18
282 <212> TYPE: DNA

```

RAW SEQUENCE LISTING

DATE: 06/09/2006

PATENT APPLICATION: US/10/581,211

TIME: 10:36:45

Input Set : A:\75813.app

Output Set: N:\CRF4\06092006\J581211.raw

```

283 <213> ORGANISM: Homo sapiens
285 <400> SEQUENCE: 25
286 atatttctta ctctctcg 18
289 <210> SEQ ID NO: 26
290 <211> LENGTH: 18
291 <212> TYPE: DNA
292 <213> ORGANISM: Homo sapiens
294 <400> SEQUENCE: 26
295 ctcagtcgcc gctgccaa 18
298 <210> SEQ ID NO: 27
299 <211> LENGTH: 18
300 <212> TYPE: DNA
301 <213> ORGANISM: Homo sapiens
303 <400> SEQUENCE: 27
304 aaaacggcca gcctgagg 18
307 <210> SEQ ID NO: 28
308 <211> LENGTH: 18
309 <212> TYPE: DNA
310 <213> ORGANISM: Homo sapiens
312 <400> SEQUENCE: 28
313 ctctctttca ctgcaagg 18
316 <210> SEQ ID NO: 29
317 <211> LENGTH: 18
318 <212> TYPE: DNA
319 <213> ORGANISM: Homo sapiens
321 <400> SEQUENCE: 29
322 aatttctacg cgcaccgg 18
325 <210> SEQ ID NO: 30
326 <211> LENGTH: 18
327 <212> TYPE: DNA
328 <213> ORGANISM: Homo sapiens
330 <400> SEQUENCE: 30
331 accgccgaga ccgcgtcc 18
334 <210> SEQ ID NO: 31
335 <211> LENGTH: 18
336 <212> TYPE: DNA
337 <213> ORGANISM: Homo sapiens
339 <400> SEQUENCE: 31
340 agacgcagag tagattgt 18
343 <210> SEQ ID NO: 32
344 <211> LENGTH: 18
345 <212> TYPE: DNA
346 <213> ORGANISM: Homo sapiens
348 <400> SEQUENCE: 32
349 agttcgatcg gtagcggg 18
352 <210> SEQ ID NO: 33
353 <211> LENGTH: 18
354 <212> TYPE: DNA
355 <213> ORGANISM: Homo sapiens

```

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/581,211

DATE: 06/09/2006
TIME: 10:36:46

Input Set : A:\75813.app
Output Set: N:\CRF4\06092006\J581211.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:4; N Pos. 26,27,28,29,30,31

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,40,41,42,43

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/581,211

DATE: 06/09/2006

TIME: 10:36:46

Input Set : A:\75813.app

Output Set: N:\CRF4\06092006\J581211.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:72 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0